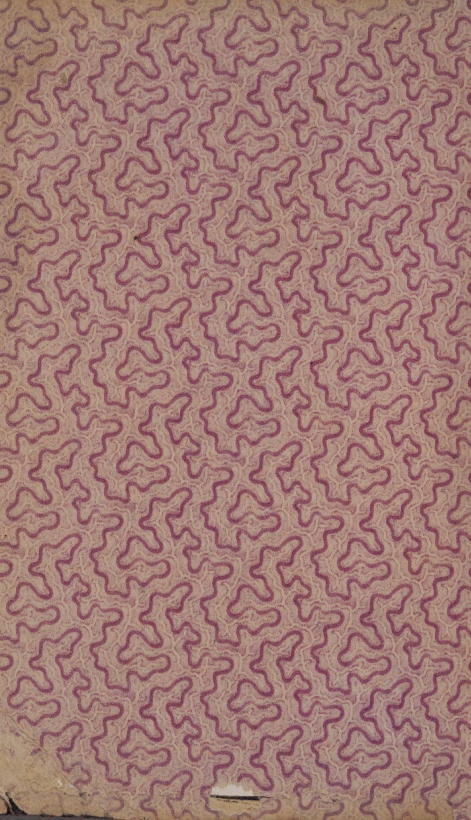
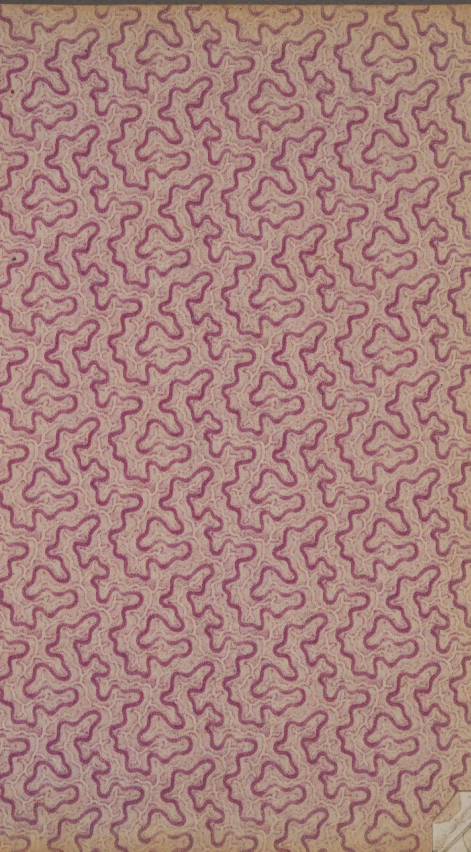
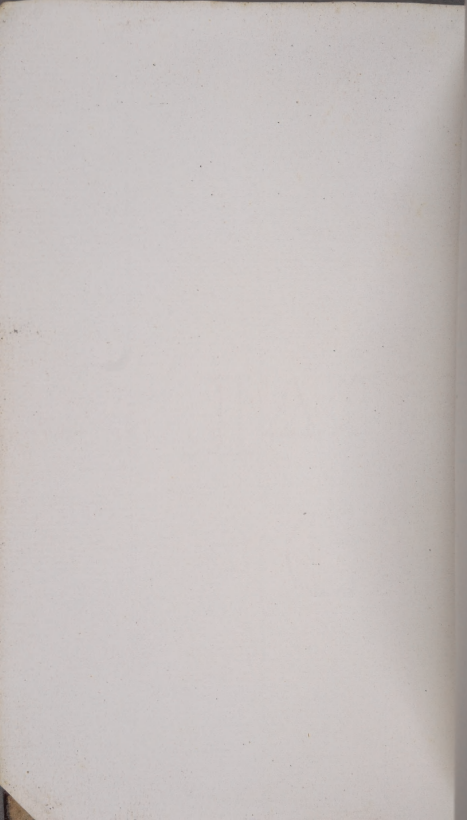


Kermadec Islands
Three Kings Is.





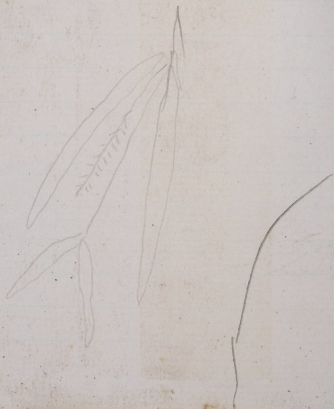
3/8



Kermadec Islands
Aug. 1887

Three Kings Islands
Aug 1887

Kermadec plants numbered
Three Kings marked K.



CLEMATIS—

indivisa
hexasepala
foetida
parviflora —
Colensoi
afoliata

MYOSURUS—

aristatus

RANUNCULUS—

Lyallii
Traversii
insignis
pinguis
Godleyanus
aucklandicus
nivicola
geraniifolius
Enysii
Buchanani
Haastii
chordorhizos
crithmifolius
sericophyllus
Sinclairii
depressus
plebeius
ternatifolius
lappaceus
subscaposus
macropus
rivularis
acaulis
limosella
gracilipes
pachyrhizus
parviflorus

CALTHA—

Novæ-Zelandiæ

DRIMYS—

axillaris
colorata

NASTURTIUM—

palustre

BARBAREA—

vulgaris

CARDAMINE—

hirsuta —
depressa
stylosa
fastigiata

SISYMBRIUM—

Novæ-Zelandiæ

PACHYCLADON—

Novæ-Zelandiæ

LEPIDIUM—

oleraceum
sisymbrioides
incisum

NOTOTHLASPI—

rosulatum
australe

VIOLA—

filicaulis
Lyallii
Cunninghamii

MELICYTUS—

X ramiflorus
macrophyllus
X lanceolatus X
micranthus

HYMENANTHERA—

crassifolia
latifolia

PITTOSPORUM—

tenuifolium
Colensoi
fasciculatum
Buchanani
Huttonianum
rigidum
obcordatum
pimeleoides
reflexum
umbellatum
virgatum
patulum
Ralphii
X crassifolium
intermedium
ellipticum
eugenioides
cornifolium
Kirki

GYPSOPHILA—

tubulosa

STELLARIA—

parviflora
elatinoides
decipiens
Roughii
gracilentia

COLOBANTHUS—

quitensis
Billardieri
subulatus
acicularis
muscoides

SPERGULARIA—

rubra

K

5

K

K

P. Fanchiuli K

24

K

CLAYTONIA—
 australasica
 MONTIA—
 fontana
 HECTORELLA—
 cæspitosa
 ELATINE—
 americana
 Hypericum—
 gramineum
 japonicum
 PLAGIANTHUS—
 divaricatus
 betulinus
 Lyalii
 HOHERIA—
 populnea
 Sinclairii
 HIBISCUS—
 diversifolius
 trionum
 ENTELEA—
 arborescens
 ARISTOTELIA—
 racemosa
 colensoi
 erecta
 fruticosa
 ELÆOCARPUS—
 dentatus
 Hookerianus
 LINUM—
 monogynum
 GERANIUM—
 dissectum
 Traversii
 microphyllum
 sessiliflorum
 X molle
 PELARGONIUM—
 australe
 OXALIS—
 X corniculata
 magellanica
 PHEBALIUM—
 nudum
 MELICOPE—
 X ternata
 mantellii
 simplex
 DYSOXYLUM—
 spectabile
 PENNANTIA—
 corymbosa

K

+8

K

7

X Leguminosae - 15

STACKHOUSIA—		
minima		
POMADERIS—		
elliptica		
Tainui		
Edgerleyi		
phylicifolia		
DISCARIA—		
toumatou		
DODONÆA—		
viscosa		
ALECTRYON—		
excelsum		
CORYNOCARPUS—		
X lævigata		4
CORIARIA—		
X ruscifolia	K	4
thymifolia		
augustissima		
CARMICHAELIA—		
crassicaulis		
Munroi		
nana		
Williamsii		
grandiflora		
pilosa		
australis		
odorata		
flagelliformis		
juncea		
NOTOSPARTIUM—		
Carmichaeliæ		
CLIANTHUS—		
puniceus		
SWAINSONIA—		
novæ-zealandiæ		
SOPHORA—		
tetraptera		
RUBUS—		
australis		
GEUM—		
urbanum		
parviflorum		
uniflorum		
POTENTILLA—		
anserina		
ACÆNA—		
sanguisorbæ		
novæ-zealandiæ		
glabra		
adscendens		
microphylla		
Buchanani		
inermis		

DONATIA—
novæ-zealandiæ

QUINTINIA—
serrata
elliptica

IXERBA—
brexioides

CARPODETUS—
serratus

ACKAMA—
rosæfolia

WEINMANNIA—
sylvicola
racemosa

TILLÆA—
moschata
Sinclairii
verticillata
debilis
purpurata

DROSERA—
stenopetala
Arcturi
pygmæa
spathulata
binata
auriculata

HALORAGIS—

× alata
tetragyna
depressa
aggregata
uniflora
micrantha

MYRIOPHYLLUM—
elatinoides
variæfolium
robustum
pedunculatum

GUNNERA—
monoica
densiflora
prorepens

CALLITRICHE—
× verna

LEPTOSPERMUM—
scoparium
ericoides

METROSIDEROS—
florida
lucida
albiflora
diffusa
hypericifolia

→7

Colensoi		
robusta		
tomentosa	K	
✕ polymorpha ●		14
scandens	K	
MYRTUS—		
bullata		
Ralphii		
obcordata		
pedunculata		
EUGENIA—		
maire		
FUCHSIA—		
excorticata		
Colensoi		
procumbens		
Kirki		
ERIOLOBIUM—		
nummularifolium		
purpuratum		
linnæoides		
macropus		
confertifolium		
crassum		
brevipes		
alsinoides		
microphyllum		
rotundifolium		
glabellum		
melanocaulon		
tetragonum		
junceum		
pubens		
Billardierianum		
pallidiflorum		
PASSIFLORA—		
tetrandra		
SICYOS—		
✕ angulatus ●	K	3
MESEMBRYANTHEMUM—		
✕ australe	K	
equilaterale		
TETRAGONIA—		
✕ expansa		
✕ trigyna		
HYDROCOTYLE—		
elongata		
americana		
asiatica		
muscosa		
dissecta		
heteromera	K	
pterocarpa		
novæ-zelandiæ	K	
✕ moschata ?		10
microphylla		

AZORELLA—
exigua
Haastii
reniformis
trifoliolata
pallida
hydrocotyloides
Roughii

ERYNGIUM—
vesiculosum

APIUM—
X australe
filiforme

OREOMYRRHIS—
Colensoi
Haastii
ramosa

CRANTZIA—
lineata

ACTINOTUS—
novæ-zealandiæ

LIGUSTICUM—
latifolium
intermedium
antipodum
Lyllii
Haastii
Dieffenbachii
brevistyle
filifolium
carnosulum
piliferum
aromaticum
Enysii
imbricatum
trifoliolatum

ACIPHYLLA—
Colensoi
squarrosa
Lyllii
Monroi
Traversii
Dobsoni

ANGELICA—
gingidium
decipiens
rosæfolia
geniculata

DAUCUS—
brachiatus

STILBOCARPA—
polaris

K

K

PANAX

simplex
Edgerleyi
anomalum
lineare
crassifolium

ferox

Lessonii

discolor

Colensoi

X arboreum

Sinclairii

SCHEFFLERA—

digitata—

MERYTA—

Sinclairii

COROKIA—

buddleoides

cotoneaster

GRISELINIA—

lucida

littoralis

ALSEUOSMIA—

macrophylla

quercifolia

Banksii

linariifolia

COPROSMA—

lucida

grandifolia

X Baueriana

X petiolata

robusta

Cunninghamii

X acutifolia

spathulata

arborea

serrulata

rotundifolia

ciliata

tenuicaulis

rhamnoides

virescens

divaricata

parviflora

propinqua

foetidissima

Colensoi

cuneata

acerosa

depressa

microcarpa

linariifolia

repens

pumila

→ 6

K

K

→ 20

K

→ 29

Grisebinia

K

NERTERA—

depressa
Cunninghamii
dichondraefolia
setulosa

GALIUM—

teniucaule
umbrosum

ASPERULA—

perpusilla

LAGENOPHORA—

XForsteri

petiolata
lanata
pinnatifida
emphysopus

BRACHYCOME—

Sinclairii
odorata
pinnata

OLEARIA—

operina
angustifolia
semidentata
Colensoi
Lyallii
insignis
furfuracea
nitida
dentata
Traversii
ilicifolia
Cunninghamii
lacunosa
excorticata
Haastii
Allomii
moschata
nummularifolia
cymbifolia
Forsteri
avicenniaefolia
oleifolia
albida
virgata
Hectori
Solandri

PLEUROPHYLLUM—

speciosum
criniferum

CELMISIA—

holosericea
densiflora
discolor
hieracifolia

κ

3

Haastii
incana
Lindsayi
Sinclairii
verbascifolia
coriacea
Mackaui
Munroi
Lyllii
viscosa
petiolata
spectabilis
Traversii
cordatifolia
longifolia
laricifolia
lateralis
Hectori
sessiliflora
ramulosa
Walkerii
bellidioides
glandulosa
vernica

VITTADINIA—

australis

HAASTIA—

pulvinaris
Sinclairii
recurva

GNAPHALIUM—

Lyllii
trinerve
Keriense
Traversii
nitidulum

× luteo-album

× involucreatum
collinum

RAOULIA—

australis
apice-nigra
tenuicaulis
Haastii
Munroi
subulata
eximia
Hectori
Petriensis
glabra
subsericea
grandiflora
mamillaris
bryoides

K
K

HELICHRYSUM—

prostratum
bellidioides
fasciculatum
Youngii
Sinclairii
filicaule
leontopodium
grandiceps
glomeratum
lanceolatum
microphyllum
depressum
coralloides
Selago

CASSINIA—

retorta
leptophylla
fulvida
Vauvilliersii

CRASPEDIA—

fimbriata
alpina

BIDENS—

X pilosa

COTULA—

coronopifolia
X australis
atrata
plumosa
lanata
minor
filiformis
pectinata
pyrethrifolia
perpusilla
dioica
squalida
Featherstonii

CENTIPEDA—

minuta

ABROTANELLA—

spathulata
rosulata
pusilla
linearis
inconspicua

ERECHTHITES—

prenanthoides
arguta
scaberula
glabrescens
quadridentata

BRACHYLOTTIS—

repanda

SENECIO—

Lagopus

bellidioides

saxifragoides

Haastii

latifolius

lautus

Colensoi

odoratus

Lyallii

bifistulosus

glastifolius

sciadophilus

myrianthos

Hectori

perdicoides

Huntii

Greyii

laxiflorus

elæagnifolius

rotundifolius

Bidwillii

robusta

Munroi

compactus

cassinoides

Traversii

MICROSERIS—

Forsteri

PICRIS—

hieracioides

CREPIS—

novæ-zealandiæ

TARAXACUM—

dens-leonis

SONCHUS—

× oleraceus

OREOSTYLIDIUM—

subulatum

FORSTERA—

sedifolia

Bidwillii

tenella

PHYLLACHNE—

clavigerum

Colensoi

Haastii

rubrum

SELLIERA—

radicans

SCÆVOLA—

× gracilis ●

R

R

→ 22

5

× Superbacia

PRATIA—

angulata
perpusilla
macrodon
linnaeoides

COLENSEA—

physaloides

LOBELIA—

Xanceps
Roughii

WAHLENBERGIA—

gracilis
saxicola
cartilaginea

GAULTHERIA—

antipoda
rupestris
fagifolia
oppositifolia

PERNETTYA—

tasmanica

CYATHODES—

acerosa
robusta
empetrifolia
Colensoi
pumila

PENTACHONDRA—

pumila

LEUCOPOGON—

fasciculatus
Richei
Fraseri

EPACRIS—

purpurascens
pauciflora
Sinclairii
alpina

ARCHERIA—

Traversii
racemosa

DRACOPHYLLUM—

latifolium
strictum
Traversii
Menziesii
squarrosus
recurvum
longifolium
Urvilleanum
subulatum
uniflorum
Kirki
rosmarinifolium
muscoides

X. Impersonne ab.

13+6

4

SAMOLUS—

~~X~~repens

MYRSINE—

salicina

Urvillei

Chathamica

divaricata

montana

nummularia

SIDEROXYLON—

costata

OLEA—

Cunninghamii

apetala

lanceolata

montana

PARSONSIA—

albiflora

rosea

MITRASACME—

novæ-zealandiæ

LOGANIA—

depressa

tetragona

ciliolata

GENIOSTOMA—

— ligustrifolium

GENTIANA—

montana

concinna

pleurogynoides

saxosa

cerina

SEBÆA—

ovata

LIPAROPHYLLUM—

Gunnii

MYOSOTIDIUM—

nobile

MYOSOTIS—

uniflora

pulvinaris

Hectori

spathulata

antarctica

australis

Forsteri

capitata

Traversii

albosericea

petiolata

macrantha

Lyallii

saxosa

K?

X *Convolvulus* sp

→ 10

IPOMÆA—

tuberculata

CALYSTEGIA—

sepium

tuguriorum

X *Soldanella*

marginata

CONVOLVULUS—

erubescens

DICHONDRA—

repens

CUCUTA—

densiflora

SOLANUM—

X *aviculare*

X *nigrum*

CALCEOLARIA—

Sinclairii

repens

MIMULUS—

repens

radicans

MAZUS—

pumilio

GRATIOLA—

peruviana

nana

GLOEROSTIGMA—

elatinoides

LIMOSELLA—

aquatica

VERONICA—

speciosa

Dieffenbachii

macroura

X *salicifolia*

macrocarpa

parviflora

ligustrifolia

pubescens

Traversii

vernica

elliptica

chathamica

diosmæfolia

Colensoi

lævis

obovata

Armstrongii

buxifolia

carnosula

pinguifolia

pimeleoides

Buchanani

tetragona

X
X

6

X

4/6

4

lycopodioides
tetrasticha
Hectori
salicornioides
cupressoides
Haastii
epacridea
macrantha
Hulkeana
Lavaudiana
Raoulii
Benthami
linifolia
nivalis
Lyalii
Bidwillii
cataractæ
elongata
spathulata
anagallis
canescens
ciliolata
pulvinaris

OURISIA—

macrophylla
macrocarpa
Colensoi
sessilifolia
cæspitosa
glandulosa

EUPHRASIA—

cuneata
Munroi
revoluta
antarctica
repens
disperma

RHABDOTHAMNUS—

Solandri

MYOPORUM—

× lætum ■

VITEX—

littoralis

TEUCRIDIMUM—

parvifolium

AVICENNIA—

officinalis

UTRICULARIA—

protrusa
novæ-zealandiæ
monanthos
Colensoi

MENTHA—

Cunninghamii

~~X Rhaetia montana~~ →

SCUTELLARIA—
novæ-zealandiæ

PLANTAGO—
triandra
uniflora
Brownii
lanigera
spathulata
Raoulii
aucklandica

PISONIA—
Brunoniana - K

SCLERANTHUS—
biflorus

ALTERNANTHERA—
sessilis

CHENOPODIUM—
triandrum
urbicum
glaucum
ambrosioides
carinatum
pusillum
detestans

ATRIPLEX—
cinerea
patula
Billardieri

SUAEDA—
maritima

SALSOLA—
australis

ARTHROCNEMUM—
australis

POLYGONUM—
minus
aviculare

RUMEX—
X flexuosus
neglectus

MUEHLENBECKIA—
adpressa
complexa K
axillaris
ephedrioides

PIPER—
X excelsum ? K → 17

PIPEROMIA—
X Urvilleana K 4

ASCARINA—
X lucida ?

HEDYCARYA—
dentata K

LAURELIA—
novæ-zealandiæ

X Rhaetia montana 8

X *hrt*

10

BEILSCHMEIDIA—
Tarairi
Tawa
LITSÆA—
calicaris — K
CASSYTHA—
paniculata
PERSOONIA—
Toro
KNIGHTIA—
excelsa
PIMELEA—
longifolia
gnidia
Traversii
virgata
buxifolia
arenaria
Urvilleana
prostrata — K
Lyllii
Haastii
sericeo-villosa
DRAPETES—
Dieffenbachii
Lyllii
villosa
LORANTHUS—
Colensoi
Adamsii
tetrapetalus
decussatus
tenuiflorus
flavidus
micranthus
VISCUM—
Lindsayi
salicornioides
TUPEIA—
antarctica
FUSANUS—
Cunninghamii
EXOCARPUS—
Bidwillii
DACTYLANTHUS—
Taylora
EUPHORBIA—
glauca
PORANTHERA—
microphylla
HOMALANTHUS—
X polyandrus •
PARATROPHIS—
microphyllus

→ 26

Smith

K

URTICA—
 incisa
 australis
 ferox
 aucklandica
 ELATOSTEMMA—
 rugosum
 PARIETARIA—
 X debilis
 AUSTRALINA—
 pusilla
 FAGUS—
 Menziesii
 fusca
 Solandri
 Cliffortioides
 LIBOCEDRUS—
 Doniana
 Bidwillii
 PHYLLOCLADUS—
 glauc
 trichomanoides
 alpina
 DACRYDIUM—
 cupressinum
 intermedium
 Westlandicum
 laxifolium
 Bidwillii
 Colensoi
 Kirkii
 PODOCARPUS—
 ferruginea
 nivalis
 Totara
 spicata
 dacrydioides
 AGATHIS—
 australis
 EARINA—
 mucronata
 autumnalis
 DENDROBIUM—
 Cunninghamii
 BOLBOPHYLLUM—
 pygmæum
 SARCOCHILUS—
 adversus
 GASTRODIA—
 Cunninghamii
 ACIANTHUS—
 X Sinclairii ●
 CYRTOSTYLIS—
 oblonga
 rotundifolia

K → 6

K

18.

ADENOCHILUS—
gracilis

CORYSANTHES—
triloba
oblonga
rotundifolia
rivularis
macrantha
Cheesemanii

MICROTIS—
✕ porrifolia ? — K

CALADENIA—
minor
Lyalii

CHILOGLOTTIS—
cornuta
Traversii

PTEROSTYLIS—
Banksii
graminea
micromega
foliata
trullifolia
puberula
squamata

LYPERANTHUS—
antarcticus

THELYMITRA—
✕ longifolia — K
pulchella
uniflora
Colensoi
imberbis
intermedia

SPIRANTHES—
australis

PRASOPHYLLUM—
Colensoi
nudum
pumilum

ORTHOCERAS—
Solandri

LIBERTIA—
ixioides
grandiflora
micrantha

HYPOXIS—
pusilla

FREYCINETIA—
Banksii

TYPHA—
✕ angustifolia

SPARGANIUM—
simplex

12

3

✕ *Dracena*

4 + 4

LEMNA—
 minor
 gibba
 TRIGLOCHIN—
 triandrum
 PECTAMOGETON—
 natans
 polygonifolius
 ochreateus
 pectinatus
 RUPPIA—
 maritima
 ZANNICHELLIA—
 palustris
 ZOSTERA—
 marina
 nana
 RHIPOGONUM—
 scandens
 CALLIXENE—
 parviflora
 CORDYLINE—
 australis
 Banksii
 indivisa
 pumilio
 Hookeriana
 DIANELLA—
 intermedia
 ASTELIA—
 Cunninghamii
 linearis
 nervosa
 Solandri
 Banksii
 grandis
 trinervia
 ARTHROPODIUM—
 cirrhatum
 candidum
 ANTHERICUM—
 Rossii
 Hookeri
 PHORMIUM—
 tenax
 Colensoi
 HERPOLIRION—
 novæ-zealandiæ
 IPHIGENIA—
 novæ-zealandiæ
 ARECA—
 sapida
 JUNCUS—
 vaginatus
 australis

K

K

K

K

X 19 ~~20~~

maritimus
 communis
 glaucus
 planifolius
 trifonius
 antarcticus
 holoschaenus
 lamprocarpus
 involucratus
 sp
 scheuzerioides
 novae-zealandiae
 capillaceus
 tenuis
ROSTKOVIA—
 magellanica
 gracilis
LUZULA—
 campestris
 Oldfieldii
 crinita
 pumila
 Colensoi
LEPTOCARPUS—
 simplex
HYPOLÆNA—
 lateriflora
GAIMARDIA—
 setacea
 ciliata
 pallidum
SPORADANTHUS—
 Traversii
CYPERUS—
 × ustulatus
 tenellus
 Buchanani
KYLLINGA—
 monocephala
HELEOCHARIS—
 sphacelata
 acuta
 multicaulis
FIMBRISTYLIS—
 velata
SCIRPUS—
 basilaris
 fluitans
 riparius
 cartilagineus
 aucklandica
 inundatus
 × nodosus
 pungens
 lacustris

1

2

→ 3

maritimus
subcucullata
globosa

DESMOSCHÆNUS—
spiralis

SCHÆNUS—
axillaris
vacillans
tenax
tendo
tenuis
paniciflorus
Brownii
concinus
nitens

CARPHA—
alpina

LEPIDOSPERMA—
australe
concava

CLADIUM—
articulatum
glomeratum
teretifolium — K
Huttonii
Gunnii
junceum
Sinclairii

GAHNIA—
setifolia
procera
rigida
Hectori
lacera
ebenocarpa
arenaria

UNCINIA—
leptostachya
Sinclairii
compacta
australis — K
ferruginea
caespitosa
rupestris
filiformis
Banksii
rubra

CAREX—
pyrenaica
acicularis
inversa
Colensoi
echinata
teretiuscula
chlorantha

paniculata
 vulgaris
 subdola
 flava
 ternaria
 testacea
 comans
 pulchella
 Raoulii
 Buchanani
 cirrhosa
 lucida
 dipsacea
 pumila
 Forsteri
 breviculmis
 trifida
 Neesiana
 dissita
 Lambertiana
 vacillans
 EHRHARTA—
 Thomsoni
 Colensoi
 MICROLÆNA—
 stipoides
 avenacea
 polynoda
 ALOPECURUS—
 geniculatus
 HIEROCHLOE—
 redolens
 alpina
 Brunonis
 SPINIFEX—
 hirsutus
 PASPALUM—
 X scrobiculatum
 distichum
 OPLISMENUS—
 setaceus
 ISACHNE—
 australis
 ZOYSIA—
 pungens
 ECHINOPOGON—
 ovatus
 STIPA—
 micrantha
 teretifolia
 Petriei
 DICHELACHNE—
 crinita
 sciurea

K

K

K

6

K

K

X *Ophioglossum*

→ 16

X ——— ?
X *Panicum* ———

→ 12
14

APERA—

arundinacea

SPOROBOLUS—

indicus

AGROSTIS—

antarctica

canina

subulata

Muelleri

scabra

DEYEUXIA—

Forsteri

pilosa

Billardieri

setifolia

avenoides

Youngii

quadrifida

scabra

ARUNDO—

conspicua

fulvida

DANTHONIA—

Cunninghamii

ovata

bromoides

Raoulii

australis

flavescens

pilosa

semi-annularis

Buchanani

nuda

pauciflora

DESCHAMPSIA—

caespitosa

KALERIA—

crispata

TRisetum—

antarcticum

subspicatum

Youngii

GLYCERIA—

stricta

CATABROSA—

antarctica

ERAGROSTIS—

imbecilla

breviglumis

POA—

ramosissima

foliosa

anceps

australis

K

K

intermedia
 Colensoi
 acicularifolia
 uniflora
 pygmæa
 exigua
 sclerophylla
 Mackayi
 Kirki
 Lindsayi
 SCHEDONORUS—
 littoralis
 scoparia
 FESTUCA—
 duriuscula
 BROMUS—
 arenarius
 TRITICUM—
 multiflorum
 scabrum
 Youngii
 GYMNOSTICHUM—
 gracile
 GLEICHENIA—
 circinata
 dicarpa
 flabellata
 Cunninghamii
 dichotoma
 CYATHEA—
 medullaris
 Cunninghamii
 dealbata
 X Milnei ●
 HEMITELIA—
 Smithii
 ALSOPHILA—
 Colensoi
 DICKSONIA—
 squarrosa
 fibrosa
 lanata
 HYMENOPHYLLUM—
 rarum
 polyanthos
 villosum
 javanicum
 + demissum ●
 flabellatum
 montanum
 scabrum
 dilatatum
 pulcherrimum
 ciliatum

K

5-

subtillissimum		
rufescens		
Malingii		
Cheesemanii		
Armstrongii		
Tunbridgense		
unilaterale		
multifidum		
bivalve		
TRICHOMANES—		
reniforme		
Lyallii		
humile		
X venosum		
Colensoi		
rigidum		
strictum		
LOXSOMA—		
Cunninghamii		
DAVALLIA—		
novæ-zealandiæ		
Forsteri		
CYSTOPTERIS—		
fragilis		
LINDSAYA—		
linearis		
trichomanoides		
viridis		
ADIANTUM—		
X diaphanum		
X affine	K	376
formosum		
fulvum		
æthiopicum		
X hispidulum	K	2+5
HYPOLEPIS—		
X tenuifolia		8
millefolium		
distans		
CHEILANTHES—		
Sieberi		
tenuifolia		
PELLÆA—		
rotundifolia		
X falcata		6
PTERIS—		
X tremula	K	6
X aquilina	K	
scaberula		
macilenta		
X comans	K	3+7
incisa		
LOMARIA—		
Patersoni		

+ Hepherolypis 9

x *Asplenium* sp
 x *Nephrodium* sp $\frac{1}{8} + 10$

discolor		
x acuminata	K	3
vulcanica		
x lanceolata		> 4
dura		
alpina		
Banksii		
pumila		
x procera	K	
filiformis		
nigra		
fluvialis		
membranacea		
Fraseri		
DOODIA—		
x media <i>concreta</i>	K	7
caudata		
ASPLENIUM—		
flabellifolium		
trichomanes		
x obtusatum	K	2+3
x falcatum		> 10
x caudatum		
Hookerianum		
bulbiferum		
Colensoi		
Richardi		
x flaccidum	K	> 4 + 6 + 6
umbrosum		
ASPIDIUM—		
aculeatum		
Richardi	K	
oculatum		
cystostegia		
capense		
x aristatum		6+2
NEPHRODIUM—		
thelypteris		
x decompositum		
glabellum		
velutinum		
hispidum		
unitum		
x molle		3
NEPHROLEPIS—		
cordifolia		
POLYPODIUM—		
punctatum		
pennigerum		
australe		
grammitidis		
tenellum		
x serpens	K	6
Cunninghamii		

pustulatum		
X Billardieri ●	K	1+2
novæ-zealandiæ		
NOTHOCHLÆNA—		
distans		
GYMNOGRAMME—		
Pozoi		
leptophylla		
TOIDEA—		
barbara		
hymenophylloides		
superba		
SCHIZÆA—		
australis		
fistulosa		
bifida		
dichotoma		
LYGODIUM—		
articulatum		
MARATTIA—		
fraxinea		
OPHIOGLOSSUM—		
X lusitanicum		3
vulgatum		
BOTRYCHIUM—		
ternatum		
PHYLLOGLOSSUM—		
Drummondii		
LYCOPODIUM—		
Selago		
varium		
Billardieri		
densum		
laterale		
ramulosum		3
X cernuum		
carolinianum		
clavatum		
scariosum		
volubile	K	
MESIPTERIS—		
X Forsteri		
PILOTUM—		
X triquetrum		12+10
ISOETES—		
Kirki		
alpinus		
PILULARIA—		
novæ-zealandiæ		
AZOLLA—		
rubra		

Birds at Thompsons

Hawk
Owl
Parakeet
Feintail
Ulick
Quail
Warbler
White Eye
New Bird
Jui
Kingfisher

Highest peak of landy Island 1650 above sea level by
aneroid measurement. Vegetation on top principally
composed of *Metrosideros polymorpha*, *Panax*,
probably a var of *P. arboreum*, *Melicope ramiflora*,
Coprosma acutifolia, *Ascarina* - which looks a little
different to our *A. lucida*, *Cyathra Milnei*? *Greca*
~~capita~~ - most likely different to our sp. *Pomaria*
procera, *Polypodium Kallardii*, *Hymenophyllum*
demissum, *Aspidium aristatum*, *Piper* - much
larger & broader leaves than our *P. acutatum*. *Polypodium*
carpense. ^{*Aplenium flaccidum*} On the ridges leading to the top. *Metrosideros*
polymorpha forms immense masses - the stems are often
decumbent, and a number of erect ones grow out of the
decumbent portion, all plentifully supplied with aerial
roots, so that huge masses many feet in diameter
are produced. The palm - *Greca* sp. - grows fairly
tall in height, and is in enormous abundance.
The fern tree is also nearly as abundant, and
specimens 65 ft in height were seen. -
The principal feature of the vegetation on the ridge
leading to the top is the abundance of Palms & Fern
trees, and the vast masses of *Metrosideros polymorpha*.

Coprosma acutifolia - about 15 ft. high very
pale greyish white. —

Its cultivation is invaded by *Physalis*, *Solanum*,
Gnaphalium undulatum, *Catalpa australis*,
Eugenia Solanum nigrum, *Cypripedium calceolatum*
- of which the commonest are *Physalis*, *Catalpa*
australis - also seen *Euphorbia peplus*, *Ageratum*,
Alyssum, *Senecio coronopus*, *Poa annua*,
Pumila, *Stellaria media*, *Cerastium vulgatum*,
Medicago, *Vernonia peregrina*.

Caracubia grows 20-30 ft high slender, with
few slender branches, bark pale.

Bananas growing 15-20 ft high in gully above
terrace - stems thick as a man's waist.
Little fruit at this time of year. Curious effect
produced by underground of *Pteris comans*. In
darker sheltered places good bananas might
be raised for Auckland market.

Jaro at least 6 ft high

Ji (*Bracconia*) 12 ft high. Flowers blue.

Naturalized Plants

- Physalis peruviana* Very common, + a nuisance
Ageratum conyzoides
Poa annua
Senecio coronopus
Poa pratensis
Dactyloctenium aegyptium
Euphorbia polifolia
Stellaria media
Nicotiana glauca
Euphorbia corollata
Alyssum maritimum
Cerastium vulgatum
Veronica peregrina
Samolus officinalis
Plantago lanceolata
 " *major*
Trifolium repens
 " *pratense*
Lolium perenne
Thlaspi brassicastrum
Opium glaberrimum
Dactyloctenium aegyptium

Birds

Lui

Parakeet

Lark

Kangaroo

Little black bird ? - }

Pigeon - now extinct } not seen

Cuckoo here

Koheperon

Pipit

Widgeon

Albatross breeds on small islet outside

Meyer Island

Gannet

Lake 20 ft above sea level - only separated
from sea by narrow ridge, - at head of
large lake. Small lake about 30 ft higher,
connected by dry water course - water of
this said to be mineral, but tasteless
at the time of our visit - margins & hills
also above thickly covered with volcanic
ash & gravel, only at bottom with
vegetation. Steam vents said to form
crust at W. end of lake.

The ridge of hills bounding all the lakes
and which makes a complete circle
evidently represents the crater wall of
a huge crater more than $1\frac{1}{4}$ mile in
diameter.

On reaching S.W. side of small lake, found
one cave and some smaller cracks
out of which hot air was escaping.

On flat *Lycopodium commune*, *Ophiopogon*

Wednesday, 5th April 1881. fearful earthquake

Plantain Canals. *Impatiens repens* *Lolium*
perenne

Candle nut 2 ft 6 diam. - 60-70 ft high

Shepherd's Bush - Celery. Cockfoot.

Red Hot Cat





$$\begin{array}{r}
 14 \\
 14 \\
 \hline
 56 \\
 54 \\
 \hline
 1
 \end{array}$$



1. | 2 Concrete Piers for fwy.
 2. | 1 Shelter for fwy piers
 3. | Construction of piers below
fish house
 4. | Timber pier on 2' creek
about - 300 ft.
-



















Statute.

The whole of Sunday Island is covered with
forest, from the sea-level to the tops of the highest
hills, 1500 ft. altitude. The forest is principally
composed of a species of *Colubaria* tree, differing
from the *C. h. h.* in having smaller and
rounder leaves. It is a good deal
intermediate between the *Colubaria* and the
Mountain Palm, but is sufficiently gnarled to
be used for ship-building.
Auckland boat-builders could supply themselves
with timber for many years from Sunday
Island. Next to the *Colubaria* the most
abundant tree is a Palm, very closely allied
to our *Palawan*, but reaching a much larger
size, and much more handsome in appearance.
Oct. 10. W.

The vegetation of Boundary Island, as principally
composed.



The first work to be commenced is the making of two new concrete ponds for the fry, parallel to those already









1850s
Mesembryanthemum Cliffs
Scaevola

Cyperus Plentiful by salt marsh edges

Inclined grass Chief vegetation

Erigeron Very plentiful

Dracopis luteo alba

Lonicera

Rubus occidentalis

Ceanothus velutinus

Pteris caudata

Lobelia

Poa same as common to

Grass in abundance of grass collection

Phlox

Hypolepis lanifolia

Polygonum

Carex sp.

Aspl. adnigrum

Dryas comosa

Adiantum longifolium

Solanum viscozum

Myoporus Catus
 Adiantum daphnoides
 Panetaria debilis
 Oplismenus
 Senecio. Cantus

Crematogaster 7 trees abundant ^{Crater} ~~glory~~

Lepidum

Habroa alata

Coprosma filicoides

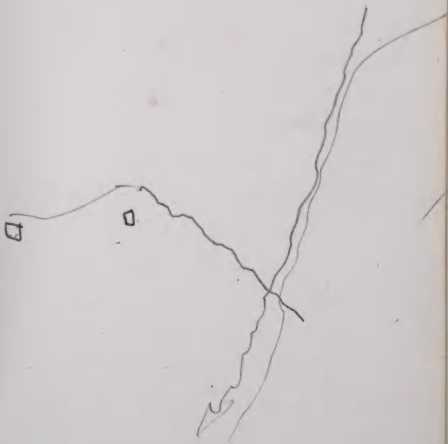
Albizia filicoides

Solanum nigrum

Bechechu

Tekafonea

Rolfsia









- Meliccytus ramiflorus*
Peltospermum crassifolium
Geranium molle
Oxalis corniculata
Malcope ternata
Corynocarpus laevigatus
 x *Coriaria ruscifolia*
Leguminosae ?
Ratragis alata
 10 *Calitriche verna*
 x *Metrosideros polymorpha*
 x *Lycos angulatus*
Mesembryanthemum australe
Tetragonia expansa
 " *trigyna*
Hydrocotyle moschata
Spinum australe
 x *Panax arboreum*
Coprosma Banerianum
 20 x " *petiolatum*
 x " *acutifolia*
Lagenophora Forsteri

x *Gnaphalium lutescens* - album
" *insolucratum*
" *colchicum*

x *Bidens pilosa*

Lotula australis

Senecio

Sagesbechia orientalis

Donchus oleraceus

30 *Hyperatum conyzoides*

x *Scavola gracilis*

x *Lobelia anceps*

Samolus repens

Myosine sp

Convolvulus soldanella

" sp

Solanum nigrum

Veronica salicifolia

x *Myoporum laetum*

40 *Rhagodia nutans*

Rumex flexuosus

x *Piper*

x *Peperomia brevifolia*

x *Polkaaria lucida*

Urtica

Alouates

x Homalanthus nutans

Parietaria debilis

x Acanthus Linclavii

Microtis

Lyphe angustifolia

Dracena

areca

Cyperus setulatus

x Scirpus nodosus

Carex

Paspalum seroticalatum

Opismenus sp

Panicum sp

sp

Gramina

x Cyathea milner

x Hymenophyllum Semisecum

Inchomane vaneum

Adiantum daphanum

" affine

x " hispidulum

x *Hypolepis tenuifolia*

x *Pellaea fulcata*

70 x *Pteris tremula*

+ " *comans*

x *Lomaria attenuata*

" *lanceolata*

x " *procera*

x *Woodia cuneata*

x *Asplenium obtusatum*

x " *caudatum*

x " *flacidum*

" sp

80 x *Aspidium aristatum*

Neptrodium sp

x " *decompositum*

x " *molle*

Neptrolepis

+ *Polypodium lappaceum*

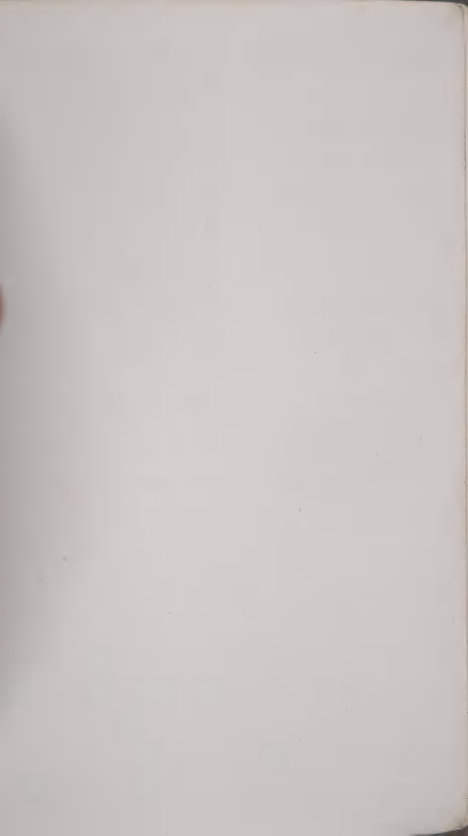
x " *Bikaschieri*

Sphenoglossum lusitanicum

Lycopodium comarum

Psilotum triquetrum

- 90 *Paeonia umbellifera*
Solanum aviculare
Gramma. (Burr)
Gramma. (Panicum)
Aster agerathia
 Poa
Lycopodium Bellman-dioris
Tricostema Fouters
Sporus pendula
 Poa sp



<i>Asplenium caudatum</i>	10.	6
Sp. ———	8	
<i>Adiantum affine</i>	6.	
<i>Asplenium</i> sp.	17.	
<i>Hepheridium nolle</i>	3	
<i>Lomaria lanceolata</i>	3	
<i>Adiantum Siephannii</i>	7	
<i>Aspl. stenotum</i>	3	
<i>Panetaria debilis</i>	7	
<i>Panetaria</i>	12	
<i>Panicum</i>	12	
<i>Cyperus pectinatus</i>	30	
<i>Ptilispermum crassifolium</i>		

Conaria myrsinifolia
Acaena sanguinolenta
Lagenophora petiolata
Veronica hirsutifolia
Pteris aquilina

Bananas - 14 varieties

Taro - 6 "

Kumara 2 "

Orange Shaddock

Lemon Lime

Citron Custard Apple

Calabash Gourd - Grape - Peaches - Apples Pears

Spiral Chestnut - Pineapple - Maize -

Coral Tree - Pea Nuts

Kapi (or large Arum) ^{coarse} _{root}

No bread made by the Belu

Upali -

Hamme Apple - Papaya

Rose Apple

Guava

Pomegranate -

Garnet - 3 varieties

Melons -

Yellow Kauri - a triple over 2000

1002 ~~2~~ koea

1002 koea





